

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

ARKANSAS SECTION.
HARVEY S. COLE, Section Director.

VOL. XX. LITTLE ROCK, ARK., AUGUST, 1915. No. 8.

GENERAL SUMMARY.

August was a very unfavorable month for crops and farm work. The mean temperature for Arkansas was 1.7° lower and the monthly rainfall was 2.25 inches greater than for any August in the past 25 years. The tropical storm which crossed the State from southwest to northeast caused excessive rains from the 17th to the 21st in all except the southeastern portion of the State, resulting in floods in nearly all of the rivers. The White River flood was the worst in that river since 1891, and in the upper portion of the valley it was the worst on record. All crops along the White at and above De Valls Bluff were destroyed, horses, cattle and other stock were drowned, fences, bridges and buildings were washed away, and great damage was done to lands, levees and all kinds of property. Whole towns were flooded and the inhabitants left destitute. Losses amounting to \$2,430,000 were reported to this office and not nearly all of the territory submerged has been heard from up to the present time. Considerable losses were sustained from floods along the Arkansas and Red rivers in Arkansas, but not nearly as great as along the White. All crops that were not destroyed by the floods were injured by the wet, cold weather the latter portion of the month. This was especially true of cotton which was reported as in poor to fair condition in the higher portions of the State, but was injured beyond recovery in the lowlands. Late corn was also injured so badly in the lowlands that it will not be worth much; in higher portions it was improving and was reported in good condition.

TEMPERATURE.

The mean monthly temperature for 50 stations in Arkansas was 74.7° , and the mean for the 34 stations having a record for ten or more years was 4.9° below normal. Mean temperatures ranged from 78.8° at Huttig, in the southeastern portion, to 68.4° at Dutton, in the northwestern, the means at nearly all places being above 70° . All temperature departures were negative, the greatest departure, 7.5° , occurring at Rogers and the least, 1.0° , at Newport. The highest temperature recorded in the State was 102° at Hemp Wallace on the 8th. As high or higher temperatures have been recorded every year since 1891, except in 1906, when the highest recorded was 100° . The lowest temperature during the month was 40° at Dutton on the 31st. A lower temperature has been recorded but once in the past 25 years, that was 39° in 1891. Temperatures were rather high the forepart of the month, highest temperatures occurring at nearly all places on the 1st or from the 6th to the 8th. The latter portion of the month was unusually cool, lowest temperatures occurring at nearly all places on the last day of the month.

PRECIPITATION.

The mean monthly precipitation for 64 stations was 10.64 inches, and the mean for the 46 stations having a record for ten

or more years was 7.37 inches greater than normal. The heaviest precipitation occurred over a narrow area extending from Mena northeastward to Hardy, the former place reporting 18.81 inches, the latter 19.55 inches. The rainfall at Hardy was the greatest amount recorded in the State during August in the past 25 years, the nearest approach to this being 19.54 inches at Dodd City in August, 1911. Seven stations in the area mentioned above reported fifteen inches or more for the month and six of these stations reported over ten inches in three days. Amounts decreased in all directions from this area and were less than four inches at a few places in the southeastern portion of the State, the least amount being 3.41 inches at Huttig. Rains occurred in nearly all portions of the State from the 1st to the 3rd, the 9th to the 12th, the 17th to the 21st, and local showers occurred from the 23rd to the 29th. The greater portion of rainfall for the month occurred from the 17th to the 21st.

MISCELLANEOUS DATA.

STATIONS.	PRESSURE, (Sea-level).				WIND.				RELATIVE HUMIDITY.		
	Mean.	Highest.	Date.	Lowest.	Date.	Total Movement, Miles.	Maximum Velocity.	Direction.	7 A. M.	7 P. M.	Percentage of Sunshine.
Bentonville	29.97	30.22	31	29.62	19	2,800	19	ne.	19	94	..... 47
Fort Smith.....	29.95	30.19	31	29.49	19	4,672	39	w.	9	88	66 46
Little Rock.....	29.95	30.18	31	29.47	2	5,270	38	nw.	10	87	70 46

MISCELLANEOUS PHENOMENA.

(Dates and number of stations reporting.)

Thunderstorms.—1st, 11; 2nd, 9; 6th, 1; 7th, 2; 8th, 6; 9th, 3; 10th, 12; 11th, 2; 13th, 3; 14th, 5; 15th, 2; 17th, 5; 18th, 5; 19th, 3; 20th, 1; 22nd, 1; 23rd, 10; 24th, 6; 25th, 5; 26th, 6; 27th, 2; 28th, 1; 29th, 2.

Dense fog.—11th, 2; 12th, 3; 21st, 1; 24th, 1; 27th, 2; 28th, 2; 31st, 1.

Hail.—Clarendon on the 8th.

COMPARATIVE DATA FOR ARKANSAS---AUGUST.

YEAR.	TEMPERATURE.				PRECIPITATION.		NO. OF DAYS.		
	Monthly average.	Departure.	Highest.	Lowest.	Monthly average.	Departure.	Clear.	Partly Cloudy.	Cloudy.
1891.....	76.4	-1.9	108	39	2.75	-0.06	21	8	2
1892.....	78.3	+0.1	106	40	4.39	+1.03	13	11	7
1893.....	77.3	-0.9	102	45	3.08	-0.28	18	9	4
1894.....	78.1	-0.1	104	48	4.63	+1.27	12	11	8
1895.....	79.4	+1.2	102	55	2.64	-0.72	18	9	4
1896.....	82.6	+4.5	112	48	2.32	-0.90	17	9	5
1897.....	79.6	+1.5	111	45	2.59	-0.63	17	10	4
1898.....	79.4	+0.6	108	54	4.35	+1.01	13	13	5
1899.....	82.2	+3.6	112	54	2.04	-1.13	19	9	3
1900.....	81.1	+2.3	108	57	2.95	-0.15	16	12	4
1901.....	80.5	+1.5	109	52	2.95	-0.25	14	13	3
1902.....	80.7	+1.1	108	51	2.55	-0.56	19	9	3
1903.....	78.7	-0.4	105	47	4.34	+1.39	15	12	4
1904.....	78.1	-1.1	105	46	2.81	-0.57	16	12	3
1905.....	79.1	0.0	103	51	3.73	+0.60	18	10	3
1906.....	77.7	-1.4	100	42	4.92	+1.04	14	10	5
1907.....	82.0	+2.7	113	54	2.92	-0.30	16	10	5
1908.....	79.3	-0.4	103	52	4.48	+1.40	15	10	6
1909.....	82.4	+3.0	111	47	1.27	-2.21	20	8	3
1910.....	79.2	-0.4	104	43	3.92	+0.81	13	12	6
1911.....	78.0	-1.6	107	45	8.19	+4.37	11	11	9
1912.....	78.7	-0.4	105	45	3.30	-0.17	15	10	6
1913.....	82.1	+3.0	107	46	1.62	-2.07	20	10	1
1914.....	78.5	-0.8	104	57	6.31	+3.19	8	11	12
1915.....	74.7	-4.9	102	40	10.44	+7.37	9	9	13

ERRATA FOR JULY, 1915, REPORT.

Page 51:—Solar halos should be 2 on the 29th, none on the 30th. Page 52:—Calico Rock, date of highest temperature should be 29th and other dates; Wyime, date of highest temperature should be 16th and other dates.

Climatological Data for August, 1915.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature (Degrees Fahrenheit.)					Precipitation, in ins.			Number of days.			Prevailing direction of wind.	Observers.				
				Mean.		Departure from the normal.		Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	With precipitation 0.01 inch or more.	Partly cloudy.	Cloudy.					
				Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unmelted).	Clear.	Cloudy.						
Alicia	Lawrence	254	10	73.8	- 4.6	90	1 ^t	50	31	33	13.73 +	4.08	0.0	12	17	6	8 sw.	Julius Guelck.		
Amity	Clark	250	23	75.1	- 4.6	95	10 ^t	52	31	27	11.21 +	6.94	2.83	0.0	10	8	5 w.	J. W. Campbell.		
Arkadelphia	do	250	8	75.1	- 4.6	95	10 ^t	52	31	27	9.97	3.00	0.0	12	5	0 e.	F. J. Carpenter.			
Arkansas City	Dosh	145	31	.....	.....	.....	.....	.....	.....	4.80	+ 1.71	2.22	0.0	10	10	1	20 sw.	W. C. Blundell.	
Batesville	Independence	277	16	74.9	- 4.0	98	1	47	31	34	13.21 +	9.24	5.44	0.0	14	6	7	17	Miss Lelia I. Teter.	
Bee Branch	Van Buren	23	74.9	.....	.....	.....	.....	.....	.....	4.80	+ 9.81	4.90	0.0	12	6	7	18	J. E. Scanlan.	
Bentonville	Benton	1,303	9	69.8	- 6.7	89	16	45	31	34	9.66 +	5.62	4.80	0.0	14	8	9	14 sw.	U. S. Weather Bureau.	
Bergman	Boone	1,324	18	69.6	- 5.7	85	7	41	31	37	14.56 +	11.32	5.70	0.0	11	11	4	16 nw.	John T. Maxey.	
Bigelow	Perry .....	.....	1	.....	.....	.....	.....	.....	.....	9.42	-	2.53	.....	10	9	11	16	Roy G. Cagle.	
Black Rock	Lawrence	259	13	.....	.....	.....	.....	.....	.....	9.90	+ 5.95	2.11	0.0	15	12	1	18 s.	S. J. Howe.	
Booneville	Logan	2	76.0	.....	.....	92	12 ^t	53	17	37	.....	.....	.....	.....	.....	.....	.....	Agent, C. R. I. & P. Ry.	
Brinkley	Monroe	226	33	76.4	- 2.9	100	11 ^t	50	31	40	9.78 +	7.16	3.11	0.0	10	9	13	9 s.	H. L. D. Whitson.	
Calico Rock	Izard	361	11	73.4	.....	94	1	48	31	37	13.03 +	7.82	6.10	0.0	10	9	0	22 sw.	J. W. Wray.
Camden	Quachita	158	29	76.4	- 3.8	98	8 ^t	53	47	37	9.86 +	7.74	2.44	0.0	13	10	5	16 n.	Zeb H. Watson.	
Centerpoint	Howard	470	15	76.1	- 6.4	95	9	51	31	27	16.34 +	14.18	6.03	0.0	9	8	7	16 se.	C. M. Huddleston.	
Clarendon	Monroe	171	11	.....	.....	.....	.....	.....	.....	9.29	+ 4.52	3.01	0.0	15	8	7	16	Mrs. B. E. Bishop.	
Conway	Faulkner	309	31	.....	.....	.....	.....	.....	.....	12.41	+ 9.16	3.10	0.0	10	.....	.....	.....	M. J. McHenry.	
Corning	Clay	293	23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	J. R. Brobst.	
Crossett ^{††}	Ashley	175	1	77.8	.....	95	1	60	4	24	4.76	.....	.....	0.0	9	7	13	w.	A. Tredick.
Dardanelle	Yell	330	29	74.9	.....	94	7	50	3	30	15.59 +	12.32	5.30	0.0	13	8	5	18	A. Bernard.
Dodd City	Marion	1,175	34	71.3 ^d	- 6.6	97 ^a	2	42 ^a	31	36 ^a	13.17 +	9.20	1.82	0.0	9	8	13	5 s.	Neal Dodd.	
Dumas	Desh	162	3	75.4	.....	96	16	53	4	30	5.33	.....	.....	.....	.....	.....	.....	.....	Lawrence Waterman.
Dutton	Madison	1,590	13	68.4	- 6.7	88	16	40	31	33	11.48 +	7.35	6.13	0.0	10	8	14	9 s.	J. M. Ricketts.	
Eldorado	Union	265	11	77.6	- 3.5	96	6 ^t	54	31	28	5.25 +	1.16	1.40	0.0	9	7	3	21 nw.	Jeff J. Babb.	
Emerson	Columbia	1	77.4 ^d	.....	.....	96 ^a	9	54 ^a	31	30 ^a	6.39	.....	1.50	0.0	8	.....	.....	Agent, L. & N. W. R. R.	
England	Lonoke	229	8	76.8	.....	99	1	51	31	33	10.28	.....	5.95	0.0	11	4	7	20 s.	J. C. Chenault.
Eureka Springs	Carroll	1,465	13	71.2	- 6.4	91	6 ^t	43	31	38	13.45 +	8.84	5.43	0.0	12	6	14	11 sw.	George W. Nicholds.	
Fayetteville	Washington	1,451	29	71.6	- 4.7	91	1	44	31	32	12.77 +	8.37	4.96	0.0	14	1	21	9 ne.	University of Arkansas.	
Fordyce	Dallas	300	4	75.2	.....	93	1	64	1 ^t	29	9.76	.....	2.95	0.0	8	8	10	13 s.	J. B. Atkinson.
Fort Smith	Sebastian	481	33	75.3	- 4.1	92	6	51	31	26	9.64 +	5.98	4.85	0.0	14	7	10	14 e.	U. S. Weather Bureau.	
Fulton	Hempstead	264	29	.....	.....	.....	.....	.....	.....	14.99	+ 12.64	6.16	0.0	13	17	1	13	e.	T. J. Logan.
Georgetown	White	200	2	.....	.....	.....	.....	.....	.....	8.71	.....	3.30	0.0	11	13	6	12	w.	Mrs. Biddle Surratt.
Hardy	Sharp	643	18	72.6	- 6.3	95	7	44	31	38	19.55 +	16.07	6.70	0.0	12	7	6	18 nw.	C. A. Caywood.	
Helena	Phillips	182	44	.....	.....	.....	.....	.....	.....	7.64	+ 4.07	2.42	0.0	11	18	1	12 s.	F. J. Mitchell.	
Hemp Wallace *	Garland	1,500	21	75.3	- 5.9	102	8	46	31	40	11.79	+ 7.85	4.90	0.0	14	8	20	3 w.	E. F. Stricklen.	
Hopet ^{††}	Hempstead	377	43	77.0	- 2.3	91	8	56	31	22	9.06	+ 5.70	2.71	0.0	11	12	9	10 s.	N. P. O'Neal.	
Hot Springs	Garland	600	23	75.6	- 3.7	93	7	53	31	27	10.07 +	6.88	4.88	0.0	8	16	7	8 ne.	A. & N. Gen. Hospital.	
Huttig	Union	85	8	78.8	.....	97	6 ^t	56	31	33	3.14	.....	1.16	0.0	14	7	22	2 s.	C. A. Berry.
Jonesboro	Craighead	345	20	74.6	- 5.0	96	9	47	31	39	8.52 +	4.76	2.73	0.0	10	12	10	9 w.	Benedictine Sisters.	
Junction ^{††}	Union	132	22	75.1	- 2.4	97	6	55	31	30	4.90 +	2.22	2.10	0.0	5	14	5	12 w.	J. A. Lowderback.	
Lake Farm	Jefferson	195	7	78.6	99	1 ^t	53	31	32	6.20	2.20	0.0	10	11	6	13	e.	G. L. Spellman.
Lewisville	Lafayette	262	11	77.4	- 4.9	99	8	55	31	30	8.32 +	5.44	2.05	0.0	10	12	6	13	e.	F. W. Youmans.
Little Rock	Pulaski	286	36	75.3	- 3.9	98	1	54	31	22	10.33 +	6.68	3.82	0.0	15	8	4	19	w.	U. S. Weather Bureau.
Lutherville	Johnson	775	18	72.2	- 6.2	98	1	46	29	26	11.55 +	7.50	6.42	0.0	9	3	24	4 n.	W. R. Hentschel.	
Malvern	Hot Spring	277	32	76.2	- 3.3	95	1	53	31	29	8.95 +	5.92	1.87	0.0	13	2	6	23	Mrs. Kate L. Smith.	
Mammoth Spring	Fulton	512	10	72.3	- 4.9	93	1	45	31	36	14.53 +	10.08	3.94	0.0	14	9	8	14 sw.	Frank A. Tubbs.	
Marked Tree	Poinsett	229	11	.....	.....	.....	.....	.....	.....	8.65	+ 4.69	2.69	0.0	14	11	9	11 w.	Chapman & Dewey Co.	
Marshall	Searcys .....	.....	1	72.2 ^a	.....	94 ^a	1	49 ^a	21	41 ^a	15.13	.....	6.33	0.0	11	8	5	18 sw.	J. B. Southworth, Jr.
Mena	Polk	1,284	27	73.4	- 6.1	94	7	52	31	27	18.81 +	14.67	5.96	0.0	16	5	13	13 s.	V. W. St. John.	
Mount Ida	Montgomery	730	7	74.1	.....	96	8	46	31	35	12.00	.....	4.22	0.0	8	4	18	9 nw.	W. G. Whittington.
Newport	Jackson	281	31	78.2 ^b	- 1.0	97 ^b	1	59 ^b	21	31 ^b	9.82 +	6.74	3.02	0.0	12	4	16	nw.	A. J. Shell.	
Okay	Pope	1,700	1	72.0	.....	95	27	46	31	36	15.91	.....	0.0	0	11	4	16	11 sw.	U. S. Forest Service.
Pine Bluff	Jefferson	215	31	77.4	- 4.4	98	1 ^t	56	31	31	6.77	+ 4.18	2.37	0.0	14	11	6	14	sw.	J. H. Hudson.
Pocahontas	Randolph	300	23	74.6	- 4.2	96	1	49	31	37	15.73	+ 11.51	3.80	0.0	12	6	18	7 sw.	Benedictine Sisters.	
Pond ^{††}	Benton	1,250	17	70.1	- 7.1	92	16	42	21	37	8.41	+ 4.67	4.10	0.0	10	4	19	8 sw.	A. F. Stevens.	
Portland	Ashley	122	6	78.1	.....	97	1	56	31	30	3.91	.....	1.10	0.0	8	10	6	15 sw.	T. A. Corson.
Prescott	Nevada	827	33	76.2	- 5.0	98	8	52	31	30	12.52 +	9.65	2.37	0.0	9	14	4	13 e.	Mrs. G. Gresham.	
Princeton	Dallas	287	8	.....	.....	.....	.....	.....	.....	7.31	.....	1.53	0.0	10	17	0	14 ne.	James Stitt.	
Rison	Cleveland	243	13	.....	.....	.....	.....	.....	.....	5.24	+ 2.37	1.21	0.0	8	13	9	9 nw.	L. E. Tisdale.	
Rogers	Benton	1,385	24	70.4	- 7.5	89	1	44	31	33	10.21	+ 6.62	4.09	0.0	10	9	14	8 nw.	Carl A. Starck.	
Searcys	White .....	.....	3	76.0	.....	97	1	51	31	31	11.03	.....	5.33	0.0	10	11	4	16 w.	Shem Petty.
Sheridan	Grant	2	.....	.....	.....	.....	.....	.....	.....	6.80	.....	1.50	0.0	8	12	8	11 sw.	Miss S. E. Ashcraft.	
Springbank ^{††}	Miller	240	7	.....	.....	.....	.....	.....	.....	11.14	.....	4.17	0.0	12	18	2	11 sw.	G. Field.	
Stuttgart	Arkansas	228	27	77.0	- 2.4	100	1	52	31	36	5.93 +	2.55	3.12	0.0	10	11	5	13 sw.	H. A. Buerke.	
Subiaio	Logan	1,050	18	74.2	- 6.9	92	1 ^t	48	31	29	11.83	+ 7.92	5.							

Daily Precipitation for August, 1915.

Except as otherwise indicated observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observation. *** Regular Weather Bureau station: precipitation is for the 24 hour period, midnight to midnight. # Separate dates of falls not recorded.

* Precipitation included in the next following measurement. ** Precipitation measured in the morning; amount then recorded is for the preceding 24 hours.

T. Trace or less than 0.01 inch. †† 10.90.

River Stages for August, 1915.

Daily temperatures for August, 1915.

Stations.	Day of month.																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean
Alicia.....	90	86	82	80	83	89	89	87	90	80	80	84	82	88	88	87	81	75	74	74	73	85	82	83	85	79	76	79	77	74	70	81.8
	Minimum.....	76	74	69	56	54	56	63	73	71	74	69	64	65	69	73	75	72	69	65	58	60	59	65	67	64	62	65	68	62	50	65.8
Amity §§.....	82	88	88	89	85	91	90	86	85	95	95	88	89	93	86	81	80	76	74	75	78	82	84	86	85	77	85	78	71	77	84.1	
	Minimum.....	69	71	67	69	67	65	65	68	64	69	65	66	67	60	70	70	68	57	63	69	70	70	67	66	65	60	52	66.1			
Bee Branch.....	98	84	85	84	90	93	94	89	92	81	85	85	92	93	92	84	79	74	79	84	88	84	89	85	85	80	81	77	81	75	85.3	
	Maximum.....	71	70	69	54	59	59	70	71	69	67	67	63	61	62	65	70	73	71	68	64	52	57	63	66	62	60	62	47	64.5		
Bentonville.....	87	87	72	73	83	88	86	80	72	74	80	85	77	86	86	89	84	82	72	68	75	78	85	82	81	77	69	65	73	79.2		
	Minimum.....	67	69	57	52	57	54	62	66	67	63	61	64	62	65	66	68	71	66	62	53	58	63	61	58	55	58	50	45	60.4		
Bergman.....	82	84	74	78	82	82	85	83	80	78	76	84	82	82	83	82	83	75	78	78	80	80	81	73	73	72	75	78	78.8			
	Minimum.....	68	70	62	50	51	55	63	65	66	65	63	58	61	60	63	63	71	67	65	60	50	54	60	56	51	41	60.5				
Booneville.....	90	91	90	88	89	90	91	90	89	90	90	91	90	90	91	85	87	80	81	85	86	88	86	85	83	83	88.1					
	Minimum.....	62	66	62	67	66	64	63	66	67	66	64	66	67	64	66	63	70	70	63	64	55	52	61	63	60	50	40	64.0			
Brinkley §§.....	100	90	93	87	93	96	100	99	98	85	82	90	93	95	98	87	85	78	82	87	89	92	89	87	83	78	84	81	71	71	88.1	
	Maximum.....	72	71	70	54	55	57	60	63	61	71	68	62	65	66	67	62	66	65	58	63	61	58	55	58	50	45	60.4				
Calico Rock §§.....	94	88	80	83	86	93	91	88	81	82	88	89	91	92	93	86	85	73	74	81	84	88	86	83	84	82	76	82	75	67	74	88.5
	Minimum.....	72	73	73	54	55	56	57	60	66	69	68	66	64	65	67	67	71	70	66	55	57	59	60	54	48	43	43	43	43	63.3	
Camden.....	92	91	87	88	89	95	97	98	96	87	88	91	86	94	94	87	81	79	85	87	89	90	84	88	84	78	87	81	74	76	88.0	
	Minimum.....	66	67	65	53	55	57	60	65	67	68	63	66	64	63	71	69	69	66	68	67	66	64	62	60	53	53	53	53	53	64.9	
Centerpoint.....	93	89	82	85	84	91	93	95	82	86	84	82	92	90	83	80	78	76	83	85	83	89	88	87	87	85	84	79	73	84.7		
	Minimum.....	71	72	66	59	70	65	71	67	68	67	66	76	70	74	72	71	60	64	70	68	65	68	68	58	51	67.5					
Conway.....
Crossett.....	95	89	88	84	83	86	88	90	89	82	86	87	85	87	90	86	88	85	87	81	84	83	81	81	82	80	82	84	83	82	84.3	
	Minimum.....	72	70	61	60	72	72	71	70	73	72	73	66	72	70	76	73	74	73	76	77	74	70	72	70	68	67	71	74	71.4		
Dardanelle §§.....	86	90	85	85	83	93	94	93	90	80	84	84	75	90	82	88	85	84	86	85	80	80	82	80	82	82	82	82	82	82	83.7	
	Maximum.....	72	74	66	59	69	64	66	65	71	70	69	64	66	67	68	70	74	70	66	57	62	66	66	65	65	66	66	65	66	66.1	
Dodd City.....	97	92	82	85	86	88	91	88	80	79	82	84	86	88	89	88	85	86	83	84	81	81	87	86	87	87	87	87	87	87	82.9	
	Minimum.....	67	69	66	59	54	58	65	66	63	61	60	69	62	60	54	54	51	51	53	59	61	61	63	55	42	49	49	49	49	59.7	
Dumas.....	94	92	94	80	74	77	88	90	95	84	87	90	73	87	93	96	87	85	75	85	86	89	90	84	88	87	85	85	86	87	86	86.6
	Minimum.....	71	80	72	53	60	66	63	67	72	65	72	69	69	65	66	62	62	57	55	65	63	63	60	62	54	54	54	54	54	65.3	
Dutton.....	86	80	74	77	82	86	83	78	78	73	76	82	88	86	88	81	74	78	82	80	84	86	80	82	80	82	80	82	80	82	82.8	
	Minimum.....	62	68	60	48	58	53	66	63	64	63	51	56	57	60	60	68	66	60	49	51	57	62	55	50	49	49	49	49	49	59.0	
Eldorado §§.....	95	89	87	87	93	96	95	96	81	84	89	84	87	84	86	81	77	85	84	80	84	86	82	87	82	86	82	86	82	86	82.3	
	Maximum.....	74	70	71	59	65	73	68	77	72	74	70	69	67	65	74	74	74	69	67	65	66	73	73	78	64	69	69	69	69	69.0	
Emerson.....	92	92	83	86	88	93	95	95	96	84	85	89	78	90	89	82	82	80	82	84	88	89	89	85	81	80	81	80	81	80	85.8	
	Minimum.....	72	73	70	58	58	73	76	72	71	70	65	67	74	74	74	69	69	67	67	67	67	67	67	67	67	67	67	67	67	67.2	
England §§.....	99	88	88	82	92	95	97	97	94	82	83	90	95	97	95	85	85	82	76	84	83	80	88	80	83	80	83	80	83	80	87.2	
	Maximum.....	90	70	69	55	65	65	65	70	70	71	64	63	65	75	74	73	70	67	60	59	60	69	60	65	65	65	65	65	65	66.5	
Eureka Springs.....	99	87	77	81	86	91	89	82	72	82	88	86	87	89	85	81	80	70	74	71	77	87	84	86	86	87	86	87	86	87	82.0	
	Minimum.....	66	70	62	49	53	53	62	65	65	63	60	59	60	64	64	69	70	68	65	60	49	56	61	54	52	43	43	43	43	43	60.4
Fayetteville.....	91	87	80	81	84	88	88	83	81	74	81	86	88	86	86	86	84	84	80	87	84	86	84	86	86	86	86	86	86	86	86.1	
	Minimum.....	67	67	61	53	63	57	62	66	65	61	59	63	63	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66.2	
Fordyce.....	93	88	84	82	82	87	89	92	91	80	79	85	85	88	89	84	85	82	82	85	88	85	82	88	88	88	88	88	88	88	88.2	
	Minimum.....	64	66	67	67	67	64	65	66	67	65	66	67	65	65	65	65	65	65	66	67	65	67	65	65	65	65	65	65	65	65.2	
Fort Smith.....	90	88	82	86	91	89	84	79	81	82	90	87	85	87	88	85	82	75	73	70	69	67	62	62	62	62	62	62	62	62	62.3	
	Minimum.....	71	73	61	61	71	67	65	62	68	66	69	67	66	69	72	75	72	75	72	70	69	67	62	62	62	62	62	62	62	62	62.3
Hardy.....	91	85	81	85	93	95	95	81	83	88	89	85	88	90	91																	